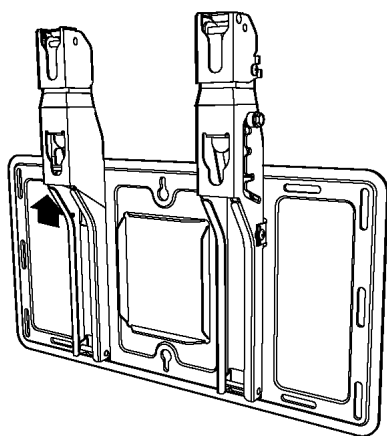


Service Manual

LCD TV wall-hanging bracket (Adjustable angle type)

TY-WK32LR2W



Specifications

Dimensions (W × H × D)

main body	$18 \frac{57}{64}$ " (480 mm) × $15 \frac{9}{32}$ " (388 mm) × $2 \frac{21}{64}$ " (59 mm)
with packing	$22 \frac{33}{64}$ " (572 mm) × $17 \frac{23}{32}$ " (450 mm) × $4 \frac{21}{64}$ " (110 mm)

Mass (weight)

main body	5.7lb (2.6 kg)
with packing	8.4lb (3.8 kg)

Material	Melted galvanizing steel board (SGHC-F12)
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WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Safety precautions

To prevent injury to the user and others and to prevent damage to property, directions that must be followed are explained as shown below.

■ The following displays categorize the degree of danger when mishandled.



WARNING

Possibility of serious injury and even death when mishandled.



CAUTION

Possibility of injury or damage to surrounding property.

■ Directions that must be followed are explained using the following symbols.
(Examples of graphical symbols are shown below.)



This symbol indicates that the direction must be followed with caution.



This symbol indicates that the direction is prohibited.



This symbol indicates that the direction must always be followed.



WARNING

■ Installation to be performed by certified personnel only.



Inadequate installation may cause the LCD TV to fall, resulting in bodily injury.

Prohibited

■ Do not install where tolerance is weak.



If the tolerance of the mounting location is weak, the LCD TV may fall resulting in bodily injury.

Prohibited

■ Be aware of safety factors concerning the mounting strength.



Insufficient strength may cause the LCD TV to fall, resulting in bodily injury.

■ Do not hang from the LCD TV, place stepsladder, etc.



The LCD TV may become damaged or it may fall, causing bodily injury.

Prohibited



CAUTION

■ Do not install in humid or dusty areas, or where the LCD TV may be exposed to lampblack, steam or heat.



This may affect the LCD TV, and may cause fire or electric shock.

Prohibited

■ At least two persons should perform installation and removal of the LCD TV unit.



Dropping the LCD TV may result in injury.

■ Always remove the wall-hanging bracket when removing the LCD TV.



Injury may result when accidentally hitting the projected parts.

• Take caution when removing for repairs, etc.

■ Do not install with the LCD TV facing downward, on its side, or upside down.



Heat may build up within the LCD TV, causing fire as a result.

Prohibited

■ Ensure there is a space of at least 100 mm (3 15/16 inches) at the top and bottom of the LCD TV, and at least 300 mm (11 13/16 inches) clearance at the sides and 40 mm (1 37/64 inches) at the back.



Air intake and outlet holes are located on the rear of the LCD TV. Blocking these holes may result in fire.

■ Make sure there is sufficient air circulation so that the ambient temperature does not exceed 35°C



Heat may build up within the LCD TV, causing fire as a result.

CAUTION

This wall-hanging bracket for use only with Panasonic LCD TV Models. See apparatus instructions. Use with other models is capable of resulting in instability causing possible injury.

Models:

TC-32LX600, TC-26LX600, TC-32LX60, TC-26LX60, TC-32LX60C, TC-26LX60C, TC-32LX60L, TC-26LX60L, TC-32LX60D, TC-26LX60D, TC-32LE60, TC-26LE60, TX-32LX60A, TX-26LX60A, TX-32LX60M, TX-26LX60M, TX-32LX60X, TX-26LX60X, TX-32LX60T, TX-26LX60T.

2 Requests regarding handing

- 1) Exercise care when selecting the location for the TV because it may discolor or deform due to light or heat if it is placed where it is exposed to direct sunlight, or near a heater.
- 2) **Upkeep**
Wipe with a dry cloth. If the unit is extremely soiled, first wipe off soiling with a neutral detergent diluted in water, and then wipe with a dry cloth. Do not use cleaners such as benzene, thinner or furniture wax because they may cause paint peeling. (If using a chemical wiping cloth, follow any precautions included.)
- 3) Do not affix adhesive tape or stickers. Doing so may dirty the surface of the wall-hanging bracket.

3 Installation construction procedure

3.1. Precautions for installation construction

Precautions for wall-hanging bracket fitting

- The wall-hanging bracket is for use in attaching a LCD TV unit to a vertical wall for viewing. Do not fit to any surface other than a vertical wall.
- There are lock mechanisms on either side of the unit, so secure space between the LCD TV and any wall surfaces to the left or right of at least 300 mm (11 13/16 inches).
- To ensure correct LCD TV performance and prevent trouble, do not fit at any of the following locations.
 - Near sprinklers or fire/smoke detectors
 - Where there is a risk of exposure to vibration or impact
 - Near high-voltage wires or dynamic power supplies
 - Near sources of magnetism, heat, water vapor or soot
 - Locations exposed to air blown from heating equipment
- Fit using techniques suited to the structure and materials of the fitting location.
- Use commercially available screws with a nominal diameter of 6 mm that are suited to the wall material (wood, steel frame, concrete etc.) you are fitting the bracket to.
- Fit so there is no contact between the attachment screws or power cord and any metal inside the wall.
- For the TV power supply plug, use a power supply outlet that can be reached easily.
- Ensure good air flow so that the equipment ambient temperature does not exceed 35°C . Failure to do this may cause heat to build up inside the LCD TV, resulting in malfunction.
- Do not mount this LCD TV directly below ceiling lights (such as spot lights, flood lights or halogen lights) which typically give off high heat. Doing so may warp or damage plastic cabinet parts.

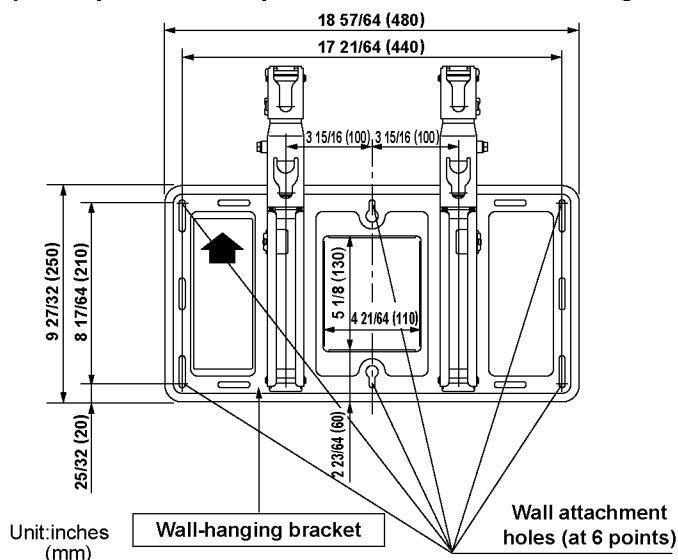
3.2. Fitting procedure

1. Confirm the strength of the proposed fitting location

The weight of the wall-hanging bracket is approximately 3 kg (6.61 lb.). For the weight of the LCD TV attached to the wall-hanging bracket, please see the Manual for the LCD TV. Check the wall strength at the 6 attachment locations by referring to the dimension drawing of the wall-hanging bracket (given at right), and provide adequate reinforcement if strength is not sufficient.

Note

- There are 12 holes in the wall-hanging bracket. If the wall material is wood, and adequate attachment strength cannot be ensured by fastening at the 6 points at right, use as many spare holes as necessary. However, exercise care because some wall materials may crack if screws are located too close together.



*Be sure to fit screws and tighten securely

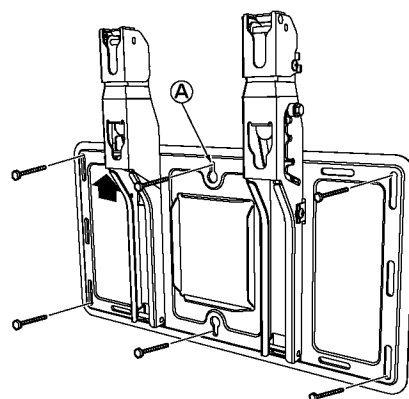
2. Fit wall-hanging bracket to wall

- Fit so that the arrow marks on the wall-hanging bracket point upward.
- If the wall consists of a material such as concrete, and bolts or nuts must be embedded beforehand, determine the hole positions using the actual wall-hanging bracket, or calculate hole positions based on the dimension drawing and then embed bolts or nuts with a nominal diameter of 6 mm. When embedding bolts, locate so that the bolts protrude from the wall by 10 to 15 mm (25/64 to 19/32 inches).

- Fasten the screw at the top center hole (A) first.
- Using a level, correct any bracket inclination, and then fasten screws at the remaining 5 locations.

Note

- Use commercially available screws with a nominal diameter of 6 mm that are suited to the wall material you are fitting the bracket to.

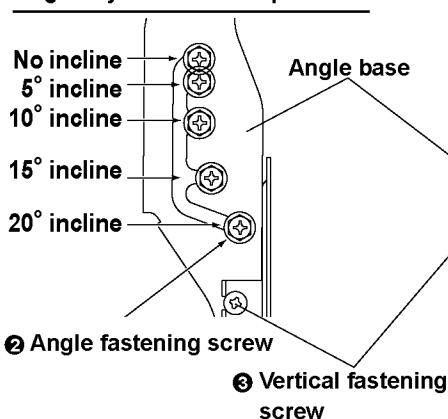


3. Angle adjustment of wall-hanging bracket

The angle of the wall-hanging bracket can be adjusted from "no incline" to "20° incline" in 5 settings at intervals of 5°

To change the angle, loosen the angle fastening screw ② and vertical fastening screw ③ of the angle base, and move to the desired angle. After positioning, securely tighten the angle fastening screw ②. If set with "no inclination", also securely tighten the vertical fastening screw ③.

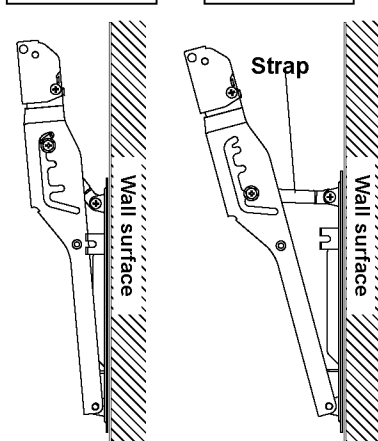
Angle adjustment hole positions



No incline

At 5° incline

At 15° incline



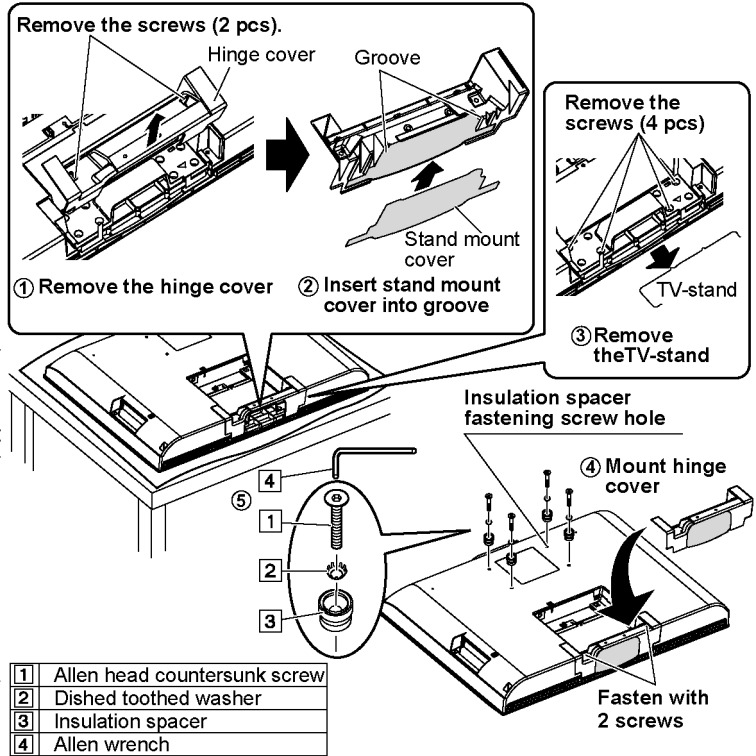
4. Prepare the LCD TV

*** Remove the TV-stand from the LCD TV. Carefully store the removed TV-stand and the 4 fastening screws.**

Fit the insulation spacers to the LCD TV.

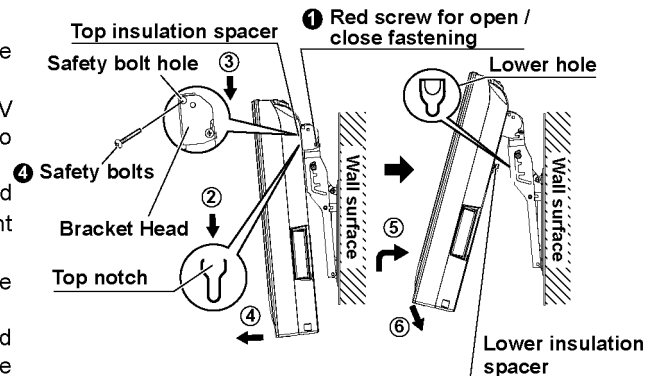
Place the LCD TV face down in a horizontal position on a blanket or other soft cloth that is clean and free of debris on a table, and follow the procedure below.

- ① Remove the Hinge cover at the lower center of the TV's backside.
- ② Peel off the backing from the 4 adhesive points of the stand mount cover, and insert the cover all the way into the hinge cover groove. (Insert until contact is made with the deep side of the groove, being careful not to let the adhesive stick.)
Apply pressure to each of the 4 adhesive points of contact to secure the cover to the unit.
- ③ Remove the TV-stand.
- ④ Fasten the hinge cover with 2 screws.
- ⑤ Fix the included Allen head countersunk screws, the dished toothed washers and insulation spacers (4 sets) into the insulation spacer fastening screw holes using the included Allen wrench as shown at right.



5. Attaching the LCD TV to the wall-hanging bracket and connecting the wiring

- ① Loosen the left and right red screws for open/close fastening ① (1 each on the left and right).
- ② Hook the insulation spacers on the top of the LCD TV over the notches on the bracket, and allow the TV to hang from the bracket.
- ③ Fit the included safety bolts ④ (1 each on the left and right) into the indicated holes in the left and right bracket heads.
- ④ Pull the LCD TV body forward, as shown in the diagram at right, and connect the wiring.
- ⑤ After wiring is finished, slightly raise the LCD TV and insert the insulation spacers at the lower back into the holes at the base of the wall-hanging bracket.
- ⑥ Lower the LCD TV into place.
- ⑦ If the angle must be adjusted, adjust according to Step 3 of the fitting procedure.

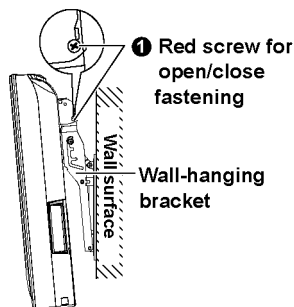


Note

- Be sure to fit the Safety bolts on the left and right to keep the LCD TV from falling off the wall-hanging bracket.
- Do not lift the LCD TV by the stand mount cover.

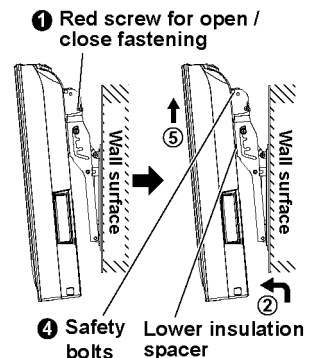
6. Fastening the LCD TV

Securely tighten the red screws for open/close fastening ① (1 each on the left and right) in the indicated holes on the sides of the wall-hanging bracket.



7. Removal of LCD TV unit

- ① Loosen the left and right red screws for open/close fastening ① (1 each on the left and right).
- ② Slightly lift up the bottom of the LCD TV, pull it forward, and remove the lower insulation spacers from the bottom of the wall-hanging bracket.
- ③ Pull the LCD TV forward, as in Step 5 ④ of the fitting procedure, and remove any wiring or cables.
- ④ Remove the Safety bolts ④ (1 each on the left and right) that are fitted to the wall-hanging bracket sides.
- ⑤ Lift up the LCD TV main unit, as is, and remove it.



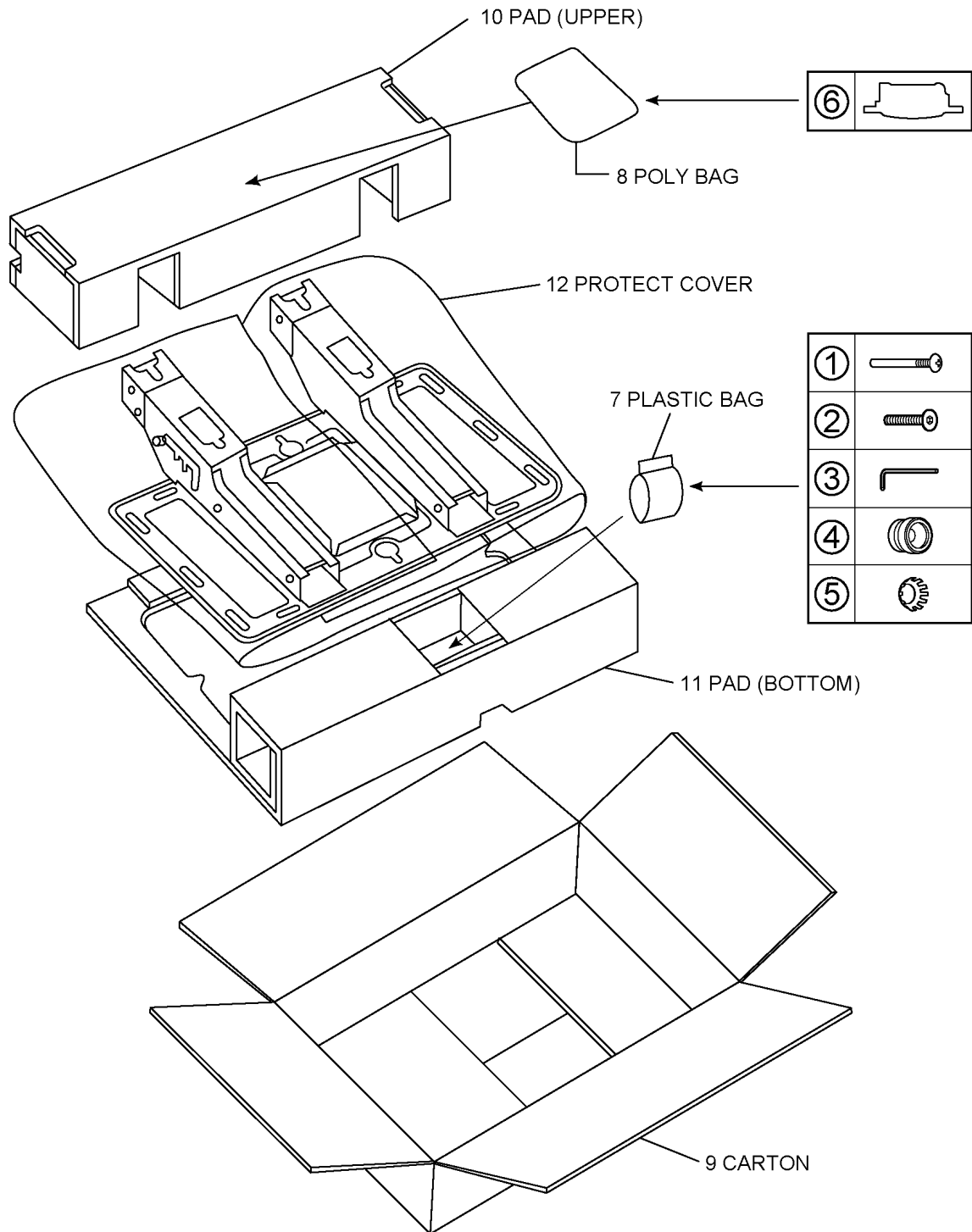
Note • Do not lift the LCD TV by the stand mount cover.

4 Replacement Parts List

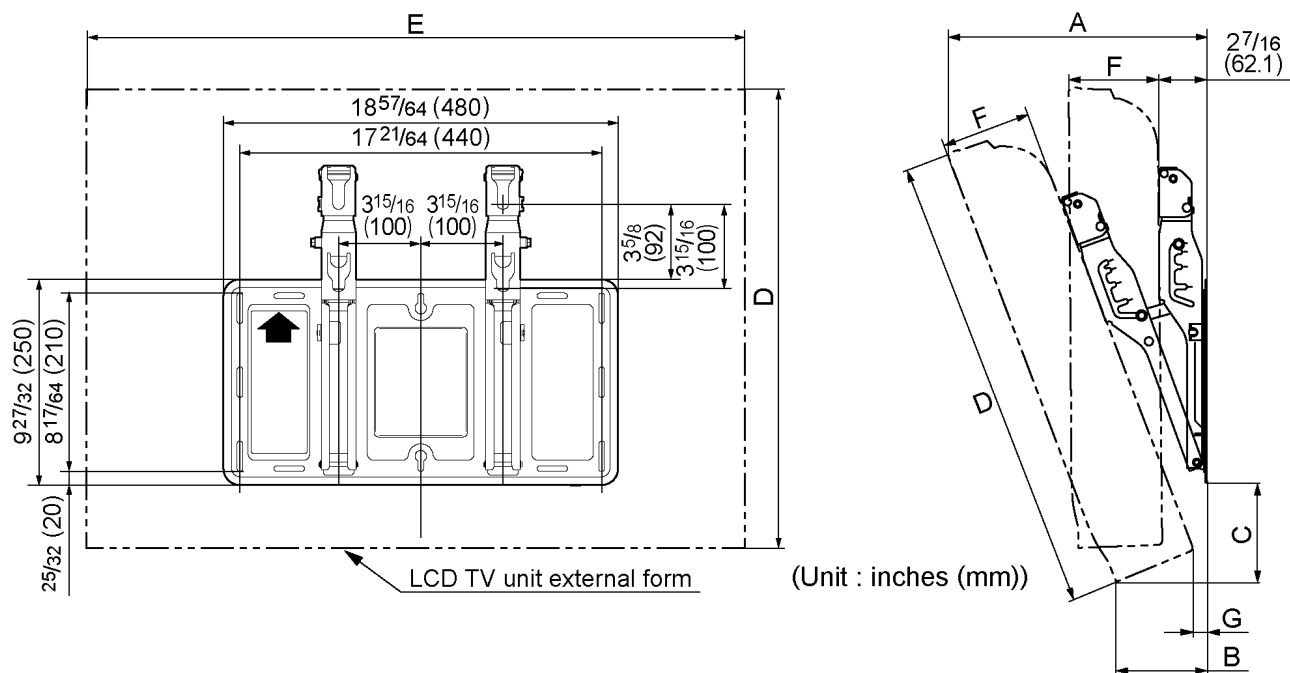
4.1. Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
1	THEA129	SAFTY BOLT(M5x35)	2	
2	THEA132J	ALLEN HEAD COUNTERSUNK SCREW(M4x20)	4	
3	TKKX0014-1	ALLEN WRENCH	1	
4	TMMX098	INSULATION SPACER	4	
5	XWC4DFJK	DISHED TOOTHED WASHER	4	
6	TMKX971	STAND MOUNT COVER	2	
7	XZB10X10C08	PLASTIC BAG	1	
8	XZB10X25C03	POLY BAG	1	
	TQZH713	FITTING INSTRUCTION	1	
9	TPCB92001	CARTON	1	
10	TPDF1565	PAD(UPPER)	1	
11	TPDF1566	PAD(BOTTOM)	1	
12	TPEH241	PROTECT COVER	1	

4.2. Packing summary



5 External dimensions drawing



■ External dimensions table

(Unit : inches (mm))

Applicable models	Dimensions	Attachment angle				
		0°	5°	10°	15°	20°
TC-32LX600, TX-32LX60A, TC-32LX60, TX-32LX60M, TC-32LX60C, TX-32LX60X, TC-32LX60L, TX-32LX60T TC-32LX60D, TC-32LE60,	A	6 11/16 (170)	8 7/64 (206)	9 1/2 (241)	10 3/4 (273)	11 31/32 (304)
	B	6 3/8 (162)	6 55/64 (149)	5 23/64 (136)	4 49/64 (121)	4 11/64 (106)
	C	4 29/64 (113)	4 61/64 (126)	5 25/64 (137)	5 25/32 (147)	6 7/64 (155)
	D	22 11/64 (563)				
	E	31 9/64 (791)				
	F	4 1/4 (108)				
	G	2 7/16 (62)	1 31/32 (50)	1 17/32 (39)	1 1/32 (26)	3 5/64 (14)

Applicable models	Dimensions	Attachment angle				
		0°	5°	10°	15°	20°
TC-26LX600, TX-26LX60A, TC-26LX60, TX-26LX60M, TC-26LX60C, TX-26LX60X, TC-26LX60L, TX-26LX60T TC-26LX60D, TC-26LE60,	A	6 11/16 (170)	8 7/64 (206)	9 1/2 (241)	10 3/4 (273)	11 31/32 (304)
	B	6 41/64 (162)	6 3/16 (157)	5 15/16 (151)	5 43/64 (144)	5 23/64 (136)
	C	2 9/32 (23)	1 27/64 (36)	1 57/64 (48)	2 23/64 (60)	2 51/64 (71)
	D	18 5/8 (473)				
	E	25 55/64 (657)				
	F	4 1/4 (108)				
	G	2 7/16 (62)	2 9/32 (58)	2 1/8 (54)	1 31/32 (50)	1 49/64 (45)